| Index of Claims |          |                 |          |          |                |          |              |              |           | 1      | Application No. |          |                                                  |         |                   |                |              |           |         |        |          | Applicant(s)      |     |          |          |                     |          |                 |               |                     |           |  |
|-----------------|----------|-----------------|----------|----------|----------------|----------|--------------|--------------|-----------|--------|-----------------|----------|--------------------------------------------------|---------|-------------------|----------------|--------------|-----------|---------|--------|----------|-------------------|-----|----------|----------|---------------------|----------|-----------------|---------------|---------------------|-----------|--|
| Rejected        |          |                 |          |          |                |          |              |              |           | 1      | 10/077,765      |          |                                                  |         |                   |                |              |           |         |        |          | IID               | HI  | RO       | )        |                     |          |                 |               |                     |           |  |
|                 |          |                 | Ш        |          |                |          | Ш            |              |           |        |                 |          |                                                  | E       | xan               | nine           | r            |           |         |        |          |                   |     | 1        | Art      | Uni                 | it       |                 |               | T                   |           |  |
|                 |          |                 |          |          |                |          |              |              |           |        |                 |          |                                                  |         | lohn              | 1.5            | /n           | une       | ,       |        |          |                   |     | 1,       | 362      | 2                   |          |                 |               |                     |           |  |
|                 |          |                 |          |          |                |          |              | -            |           |        |                 |          |                                                  |         | 701111            |                |              | unş       |         |        |          |                   |     |          | 702      | _                   |          |                 |               |                     |           |  |
|                 |          | Γ.              |          |          |                | $\Box$   |              | Γ            | Τ         | (1     | hrou            | ıah ı    | nume                                             | eral'   |                   | Γ              | Т            |           |         |        |          | $\Box$            | Γ   | Τ        |          | _                   |          |                 |               |                     |           |  |
|                 |          | 1               | R        | ejec     | cte            | d        |              | -            | -         | `      | C               | ance     | lled                                             |         |                   | ١              | 1            | No        | n-E     | :10    | cte      | d                 | A   | 4        | -        | App                 | pea      | t I             |               |                     |           |  |
|                 |          | T               |          |          |                | $\Box$   |              |              | 1         |        |                 |          |                                                  |         |                   | Ι.             | T            | 14        |         |        |          |                   |     |          | _        |                     |          |                 | $\neg$        |                     |           |  |
|                 |          | =               | A        | MIOV     | Ne             | <b>a</b> |              | *            |           |        | R               | estn     | cted                                             |         |                   | ין             |              | ını       | eme     | ere    | nc       | 8                 | C   | '        | U        | bje                 | CTE      | <b>3</b> □      | l             |                     |           |  |
| _               |          | _               | _        |          |                |          |              |              | _         | ٦      | .,              |          | ,                                                |         |                   |                | _            |           |         | ٦      | <u>;</u> |                   |     |          |          |                     |          |                 | _             |                     | _         |  |
| CI              | aim<br>I | <u> </u>        |          |          | <del>-</del> P | ate      | _            | _            | _         | -      | CI              | aim<br>T | <del>                                     </del> | _       | D                 | ate            | _            |           | ī       | 4::    | <u> </u> | Claim             | -   | 1        | ī        |                     | Date     | <del>-</del>    | $\overline{}$ |                     | ᅱ         |  |
| त्र             | naf      | So              |          |          |                |          |              |              |           |        | ਢ               | inal     | $  \cdot  $                                      |         |                   |                |              |           | 1       |        | ٦ ا      | a   a             |     |          |          |                     |          |                 |               | - 1                 |           |  |
| 뜶               | Ę        | 142             |          |          |                |          |              |              |           |        | ᄩ               | ) rigi   | $  \  $                                          |         |                   |                | 1            |           |         |        | ľ        | rinal<br>Original |     |          |          |                     |          |                 |               |                     |           |  |
| -               | L        |                 | <u> </u> | $\sqcup$ | $\dashv$       | -        | +            | $\perp$      | ╀         | -      |                 | L        | $\vdash \vdash$                                  | +       | $\vdash$          | +              | +            | +         | +       | -      | L        | 10                |     | +        | ╄        | $\sqcup$            |          | $\sqcup$        | $\dashv$      | $\dashv$            | 긕         |  |
|                 |          |                 |          | $\vdash$ | $\dashv$       | $\dashv$ | +            | +            | ╁         | ١      | -               | 52       | $\vdash$                                         | +       | ++                | +              | $\dagger$    | +         | +       | -      | $\vdash$ | 10                |     | ╁        | +        | $\vdash$            |          | H               | $\dashv$      | +                   | ᅱ         |  |
|                 | 3        | 4               |          |          |                | 丁        | $\perp$      |              | I         | ]      |                 | 53       |                                                  | 工       | П                 |                | 1            |           |         |        |          | 10                | 3   |          |          |                     |          | 口               | 二             | コ                   | $\exists$ |  |
| -               |          |                 | _        | $\vdash$ | $\dashv$       | $\dashv$ | +            |              | +         | -      | -               | 54       | $\vdash$                                         | +       | $\vdash$          | -              | +            | +         | -       | -      | <u> </u> | 10<br>10          |     | +        | ┼        | ⊣                   | L        | $\vdash \vdash$ | $\dashv$      | $\dashv$            | $\dashv$  |  |
| $\vdash$        |          |                 |          |          | $\dashv$       | $\dashv$ | +            | ╁            | +         | -      | -               | 56       | $\vdash$                                         | +       | ++                | +              | +            | +         | +-      | -      | -        | 10                |     | ╁        | $\vdash$ | $\vdash$            | $\vdash$ | $\vdash$        | $\dashv$      | 十                   | $\dashv$  |  |
|                 | 7        | 1               |          |          | $\exists$      |          | 丰            |              | 丰         |        |                 | 57       |                                                  | 1       |                   | $\bot$         | 1            | 丰         | 上       |        |          | 10                | 7   | T        |          | $\Box$              |          | 口               | ユ             | コ                   | $\Box$    |  |
| -               |          |                 | _        | $\vdash$ | -              | -        | +            |              | +         | -      | ļ               |          | -                                                | -       | +                 | -              | +            | +         | +       | -      | _        | 10<br>10          |     | +-       | $\vdash$ | $\vdash$            | _        | $\vdash \vdash$ | $\dashv$      | $\dashv$            | 4         |  |
|                 |          |                 | -        | $\vdash$ | $\forall$      | $\dashv$ | +            | ╁            | +         | -      | -               | 60       | $\vdash$                                         | +       | ++                | +              | +            | +         | +       | 1      | $\vdash$ | 11                |     | ╁        | $\vdash$ | H                   |          | H               | $\dashv$      | $\dashv$            | ᅱ         |  |
|                 | 11       |                 |          |          | #              |          | #            |              | 1         |        |                 | 61       |                                                  |         |                   |                | 1            | 1         |         |        |          | 11                | 1   |          |          |                     |          |                 | $\Box$        | コ                   |           |  |
| -               |          | 1               | _        |          | +              | -        | +            | +            | +         | -      | ļ               |          | ╁                                                | +       | ++                | +              | +            |           | +-      | -      | -        | 11                |     | ╀        | ╀        | ⊣                   | $\vdash$ | $\vdash$        | -             | $\dashv$            | 4         |  |
| -               |          |                 |          |          | $\dashv$       | +        | +            | ╅            | +         | -      | $\vdash$        | 64       | ++                                               | ╁       | $\forall$         | +              | $\dagger$    | +         | ╁       | -      | -        | 11                |     | ╁        | H        | H                   |          | H               | $\dashv$      | $\dashv$            | -         |  |
|                 | 15       |                 |          |          | 1              | コ        | 1            |              | I         |        |                 | 65       |                                                  |         | П                 |                | Ţ            | 1         |         | ]      |          | 11                | 5   |          |          |                     |          |                 | 耳             | コ                   |           |  |
| -               |          |                 | _        | $\vdash$ | +              | -+       | +            | +            | ╁         | -      | <u> </u>        |          | -                                                | ╁       | ++                | +              | +            | +         | +-      | -      | -        | 11<br>11          |     | +        | ╀        | $\vdash$            | Н        | $\vdash$        | $\dashv$      | $\dashv$            | ႕         |  |
| H               |          |                 | $\vdash$ |          | +              | $\dashv$ | +            | +            | ╁         | -      | -               | 68       | ++                                               | +-      | $\forall t$       | +              | $\dagger$    | +         | ╁       | ┨      | -        | 11                |     | ╁        | ╁╴       | H                   | Н        | H               | $\dashv$      | $\dashv$            | ┪         |  |
|                 | 19       |                 |          | П        |                | 4        |              |              | Ţ         |        |                 | 69       |                                                  | $\perp$ | П                 | $\blacksquare$ | Ţ            | 1         |         | ]      |          | 11                | 9   | $\perp$  | L        |                     |          |                 | $\exists$     | コ                   |           |  |
| <u> </u>        |          |                 |          | ₩        | $\dashv$       | +        | +            | +            | +         | -      |                 |          | $\vdash$                                         | +       | $\vdash$          | +              | ╁            | +         | +       | -      | <u> </u> | 12                | 0   | +-       | -        | $\vdash$            | Н        | Н               | $\dashv$      | $\dashv$            | $\dashv$  |  |
|                 |          | $\vdash$        | $\vdash$ | $\Box$   | +              | $\dashv$ | $\dagger$    | +            | $\dagger$ | 1      | -               | 72       |                                                  | +       | $\Box$            | +              | $\dagger$    | +         | +       | 1      |          | 12                |     | +        | ╁        | Н                   |          | $\vdash$        | $\dashv$      | $\dashv$            | $\dashv$  |  |
|                 |          |                 |          | П        | $\Box$         |          | Ţ            | $\perp$      | I         |        |                 | 73       |                                                  | $\perp$ | П                 | $\perp$        | I            |           |         | ]      |          | 12                | 3   |          |          |                     |          | $\Box$          | $\Box$        | $\rightrightarrows$ | $\Box$    |  |
| -               |          | H               | -        | $\vdash$ | $\dashv$       | $\dashv$ | ┿            | ╁            | ╀         | -      | <b> </b>        | 74       | -                                                | +       | $\vdash$          | +              | +            | +         | +       | -      | -        | 12<br>12          | 4   | +        | -        | Н                   | H        | $\vdash$        | $\dashv$      | $\dashv$            | $\dashv$  |  |
|                 | 26       |                 |          |          | +              | 1        | $^{\dagger}$ | $\top$       | t         |        |                 | 76       |                                                  | 1       | $\dagger \dagger$ | $\top$         | $\dagger$    | $\dagger$ | +       | 1      |          | 12                | 6   | +-       |          | Н                   | H        |                 | $\dashv$      | $\dashv$            | ᅱ         |  |
|                 | 27       | Ш               |          |          | _              | 1        | $\downarrow$ | $\perp$      | $\perp$   | ]      |                 | 77       |                                                  | 4_      |                   | _              | Ţ            | Ŧ         | $\perp$ | ]::    |          | 12                |     | L        | <u> </u> |                     |          | $\square$       | $\dashv$      | コ                   | $\Box$    |  |
| }               | 28<br>29 | -               | -        | $\vdash$ | +              | +        | +            | +            | +         | -      | -               | 78<br>79 | $\vdash \vdash$                                  | +       | $\vdash$          | +              | +            | +         | +-      | ╢      | -        | 12<br>12          |     | ╁╌       | ╁        | $\vdash \vdash$     | Н        | $\vdash \vdash$ | $\dashv$      | +                   | $\dashv$  |  |
|                 | 30       |                 |          | 口        |                | 丰        | $\perp$      | 土            |           |        |                 | 80       | 口                                                | 上       | 口                 | 土              | $^{\dagger}$ | 士         |         | 1      |          | 13                | 0   | 上        |          |                     |          |                 | 士             | 士                   |           |  |
|                 | 31<br>32 | Н               | Н        | $\vdash$ | $\dashv$       | +        | +            | +            | +         | -      |                 | 81<br>82 | $\vdash \vdash$                                  | +       | -                 | +              | +            | +         | +       | -      | <u>_</u> | 13                | 1   | $\perp$  | $\vdash$ | Ц                   | Ц        | $\dashv$        | 4             | $\perp$             | $\dashv$  |  |
| -               | 33       | Н               | Н        | $\vdash$ | +              | +        | +            | +            | +         | ┨║     | -               | 82       | $\vdash$                                         | +       | ++                | +              | +            | +         | ╁       | ╢      | -        | 13                |     | +        | +        | H                   | $\vdash$ | ╁┯╂             | $\dashv$      | +                   | $\dashv$  |  |
|                 | 34       |                 |          | 口        | 1              | 1        | #            | $\downarrow$ | T         | ]      |                 | 84       |                                                  |         | Ш                 |                | 1            | 1         |         |        |          | 13                | 4   |          |          |                     |          | 口               | ゴ             | 1                   |           |  |
| $\vdash$        | 35<br>36 | $\vdash \mid$   |          | $\dashv$ | $\dashv$       | +        | +            | +            | +         | -      |                 | 85<br>86 | -                                                | +       | $\vdash$          | +              | ╀            | +         | +       | ╢      | -        | 13<br>13          |     | +        | $\vdash$ | Н                   | Н        | $\dashv$        | $\dashv$      | $\dashv$            | $\dashv$  |  |
|                 | 37       | Н               |          |          | $\dagger$      | +        | +            | +            | +         | ╢      | -               | 87       | - -                                              | +       | $\forall$         | +              | +            | +         | +       | ╢      | -        | 13                |     | +        | $\vdash$ | H                   | H        | $\dashv$        | +             | +                   | $\dashv$  |  |
|                 | 38       |                 |          |          | 1              | $\bot$   | $\perp$      |              | Ţ         | ]      |                 | 88       |                                                  | $\perp$ | 口                 | $\perp$        | İ            | $\bot$    |         |        |          | 13                | 3   | $\perp$  |          | 口                   |          | $\Box$          | #             | 士                   | $\exists$ |  |
| <u></u>         | 39<br>40 | $\vdash \mid$   | $\dashv$ | $\dashv$ | +              | +        | +            | +            | -         | -      | <u> </u>        | 89<br>90 | $\vdash$                                         | +       | $\Box$            | +              | +            | +         | +       | ┨      | <u> </u> | 13                |     | $\perp$  | $\vdash$ | Н                   | $\sqcup$ | _               | $\dashv$      | $\perp$             | $\dashv$  |  |
|                 | 41       | Н               |          |          | +              | +        | +            | +            | +         |        | -               | 91       | $\vdash$                                         | +       | ++                | +              | $\dagger$    | +         | +       | 1      | -        | 14                |     | +        | $\vdash$ | H                   | Н        | $\dashv$        | +             | +                   | $\dashv$  |  |
|                 | 42       |                 |          |          | $\downarrow$   | $\bot$   | 1            | 1            | Ţ         | ]      |                 | 92       |                                                  | $\top$  | $\Box$            | $\mp$          | 1            | $\perp$   | 1       | ]      |          | 14:               | 2   |          |          |                     |          | 二               | コ             | コ                   | $\Box$    |  |
| <u> </u>        | 43<br>44 | $\vdash \vdash$ | $\dashv$ | +        | +              | +        | +            | +            | +         | -      | <u> </u>        | 93<br>94 | $\dashv$                                         | +-      | - -               | +              | +            | +         | -       | -      | -        | 14:               |     | $\vdash$ | $\vdash$ | $\vdash \downarrow$ |          | -               | $\dashv$      | +                   | 4         |  |
|                 | 45       | H               | _        |          | 十              | _        | +            | ╁            | T         |        |                 | 95       | $\vdash$                                         | +       |                   | +              | +            | +         | +-      | 1      | -        | 14                |     | +        | -        | H                   | $\dashv$ | +               | +             | +                   | $\dashv$  |  |
|                 | 46       | П               | 耳        |          | 7              |          | 1            | Ţ            |           |        |                 | 96       |                                                  | I       | П                 | ┰              | Ţ            | I         | T       | ]      |          | 140               | 3   |          |          |                     |          | ユ               | 工             | 二                   | $\Box$    |  |
| $\vdash$        | 47<br>48 | $\dashv$        | 4        | $\dashv$ | +              | +        | +            | +-           | +         | -      | <b> </b>        | 97<br>98 | -                                                | +-      | $\vdash$          | +              | +            | +         | +-      | ┨      | -        | 14                |     | -        | <u> </u> | $\vdash \vdash$     | Ц        | $\dashv$        | $\dashv$      | 4                   | $\dashv$  |  |
| $\perp$         | 40       |                 |          |          | Ц.             |          |              |              |           | _::::: | L               | 90       |                                                  |         | $\perp$           |                |              |           | _1      | _1:::: | ::L      | _   148           | ) I |          | 1 1      | i I                 |          |                 | - 1           |                     | - 1       |  |

Application No.

Applicant(s)